

CET CONTINUING EDUCATION WORKSHOP

Elevator Safety and Technical Services

INSTRUCTOR: Lee S. Rigby

COURSE OUTLINE

COURSE OBJECTIVES

This eight contact hour course is to provide continuing education for certified elevator technicians, which will include the following:

- ◆ Update on current local Statutes and Administrative Codes governing elevators.
- ◆ Very Brief description of ASME A17.1 through A17.7; Codes for Elevators and Escalators.
- ◆ Review of changes in ASME A17.1, Safety Code for Elevators and Escalators, 2013 Edition.
- ◆ NEC, 2014 Edition – Changes in the 2014 Edition affecting elevator installation and maintenance. Also covering requirements in Article 620 on conduit, duct and strapping.

COURSE SCHEDULE - starting 8:00 AM

INTRODUCTION

- Introductions of instructor and participants
- Discuss the goals and purpose of the class
- Laws, Rules, and Codes; sequential order of importance, and the adoption process (briefly)
- Brief review of A17.1, A17.2, A17.3, A17.4, A17.5, A17.6, A17.7, and A18.1; describing and covering the scope and applicability of each.
- Short question and answer period on above items

PRESENTATION 1 (approximately 8:30 AM)

Certificate of Competency Continuing Education Workshop

- PowerPoint presentation on Changes in the 2014 Edition affecting elevator installation and maintenance. Articles 620.21, 620-32, 620-33, 620-34, & 620-35
- This presentation will cover wiring methods, including conduit, ductwork, and strapping.
- Question and answer period on these topics

PRESENTATION 2 (Approx. 9:30 AM)

- PowerPoint presentation on ASME A17.1 2013 code revisions:
 - A17.1 Part 1 & 2 & 3 Code revisions covered
 - Discussion on the various changes and how it affects elevator personnel

*10 minute break (approximately 10:00 AM)

PRESENTATION 2 (continued)

- Continuation of PowerPoint presentation on ASME A17.1 2013 code revisions:

* Lunch Break - 12:00 to 12:30 PM

PRESENTATION 3

- PowerPoint presentation on ASME A17.1, 2013 Edition focusing on changes to Section 8.6: maintenance, repair, replacement, and testing

*10 minute break (approximately 2:00 PM)

- Continuation of PowerPoint presentation on ASME A17.1, 2013 Edition focusing on changes in Section 8.6: maintenance, repair, replacement, and testing

PRESENTATION 4 (approx. 2:30 PM)

- Continuation of PowerPoint presentation on ASME A17.1, 2013 Edition focusing on changes in Section 8.7: Alterations

*10 minute break (approximately 3:30 PM)

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- Continuation of PowerPoint presentation on ASME A17.1, 2013 Edition focusing on changes in Section 8.7: Alterations
- Final questions and answers

Class ends at 5:00 PM

COURSE EVALUATIONS

Course evaluation forms are given out to all participants at the beginning of the course. Attendee's opinions and feedback are desired and very much appreciated, and used for future class development.

CERTIFICATES

Each participant who completes the course will receive a certificate of completion at the end of the course indicating attendance at this 8 hour elevator continuing education workshop.

HANDOUTS

Handouts may be provided including information on:

- Local elevator laws and rules
- Code Interpretations
- Other information as may be appropriate

SIGN-IN SHEETS

A sign-in form will be utilized for each certification to document attendance for the required number of hours.